



## Emergency Vehicle Technician

**Department:** General Services

**EEO Code:** 27

**Class Code:** 3140

**FLSA:** N

**Effective:** 28/06/2008

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### **GENERAL STATEMENT OF DUTIES:**

Under general direction of the automotive maintenance supervisor, the Emergency Vehicle Technician performs highly skilled journeyman level mechanical work in the inspection, maintenance, and repair of a wide variety of fire apparatus including, pumpers, ladder trucks, heavy rescue vehicles, ambulances, air and light trucks, water tankers, aircraft fire fighting equipment, and other related equipment and trailers and specialty trucks: may serve as a lead technician, and performs related work as required.

### **SPECIFIC STATEMENT OF DUTIES:**

(illustrative only. Any one position may not include all the duties listed nor do the examples cover all the duties which the technician may perform.):

Diagnoses, adjusts, repairs, and services a wide variety of gasoline and diesel fire and rescue apparatus and related heavy equipment. Performs computerized drivability diagnostics, repairs, tests, and adjustments on engine and emission systems to manufacturer's specifications; diagnoses, adjusts, and repairs in engines and related components, automatic transmission and transaxle, drive trains and axles, suspension and steering systems, brakes, electrical/electronic systems, heating and air conditioning systems, and engine performance. Prepares and maintains records related to automotive repair work, work order requests, and status, and labor charges.

An employee in this class performs skilled journey-level mechanical and technical work. Incumbents exercise considerable independence in diagnosing drivability, repairing deficiencies, and verifying proper performance. This technician may inspect completed work and provide assistance and training to other Emergency Vehicle Technicians and apprentices. Incumbents must be able to carry out all phases of the work from start to completion without assistance.

The emergency vehicle technician assigned as Master Emergency Vehicle Technician performs journeyman level mechanical and technical work in the maintenance and repair of a wide variety of fire fighting and emergency vehicles and related equipment. This

### **REQUIRED SKILLS, KNOWLEDGE AND ABILITIES:**

Knowledge of:

· ☐ Fundamental operation of internal combustion engines; principles of electricity, electronics, computer systems, sensor and actuator operation, control applications such as engine and emission controls, dashboard instrumentation, climate control, door/window locking and alarm systems; mobile air conditioning systems, anti-lock brake and traction control systems.

Skilled in:

### **MINIMUM EDUCATION AND EXPERIENCE:**

High school diploma or G.E.D. certificate and five years of experience in the maintenance, repair, and computerized diagnosis of fire apparatus faults at a journeyman technician rating; OR an associate degree in automotive technology from an accredited college plus two years of hands on automotive experience. Graduation from an accredited automotive trade school or apprenticeship program may be substituted for two years of experience, or an equivalent combination of education, training, and experience.

### **ADDITIONAL REQUIREMENTS:**

· ☐ Possess a valid commercial driver's license and a Safety Inspection License issued by the Commonwealth of Virginia as conditions of employment

This class specification is not intended to describe and does not necessarily list the essential job functions for a given position in a classification.